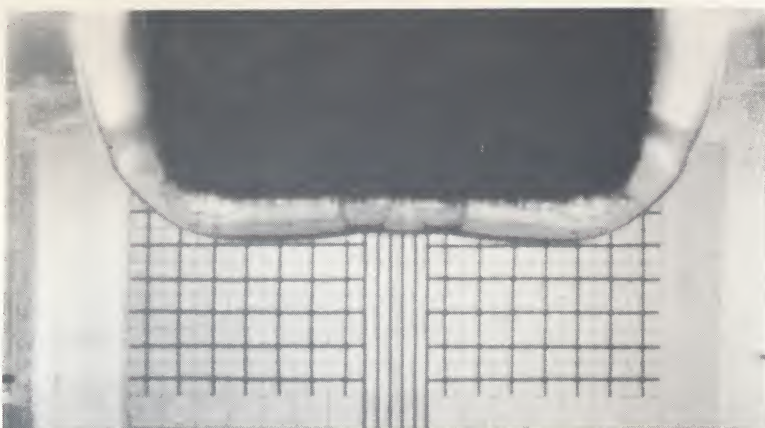
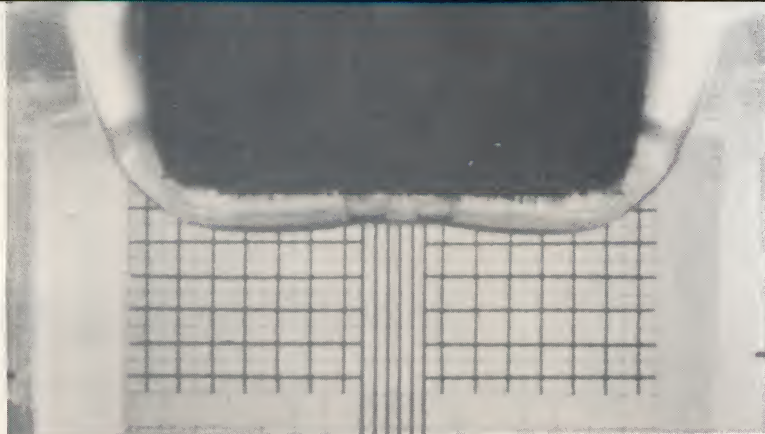


*7th International Congress on High-Speed Photography
Zürich, Switzerland. September, 1965*

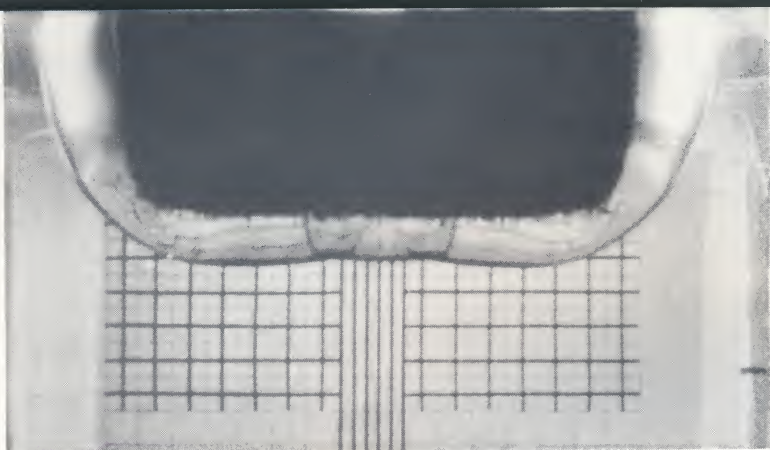
**BIBLIOGRAPHY ON HIGH-SPEED
PHOTOGRAPHY 1960 — 1964**

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•This series of pictures shows the phenomena of Mach formation and propagation. The experiment was as follows: A 1-inch-thick rectangular slab of Composition B (an explosive material) was immersed in a solution of zinc chloride. The explosive was then set off simultaneously at both ends. As each detonation wave converged toward the center, an oblique shock wave was transmitted into the liquid.

The series was taken with a Beckman & Whitley Model 189 framing camera by David D. Abernathy of the U. S. Naval Weapons Laboratory, Dahlgren, Virginia.



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About This Bibliography

This bibliography contains mainly references to material which has been published since the Fifth International Congress on High-Speed Photography held in Washington, D. C., in 1960.* One small section, however, lists material which was published prior to 1960, but became available subsequently.

Journal articles, books, patents, reports, and monographs have been included, but the subject of high-speed photography is a broad one and it was not possible to achieve an all-inclusive listing. The proceedings of the Fifth and Sixth International Congresses on High-Speed Photography have also been listed, but individual papers have not been cited.

The references are listed by year and, within each year, alphabetically by author. Any chapter or section from a book is listed by the title of that chapter or section, then by its author(s); this is followed by the notation "In" and then the bibliographic information for the book. U.S. Government report numbers, indicated by such letter prefixes as AD or PB, after certain entries indicate that this material can be obtained from the Clearinghouse for Federal Scientific and Technical Information, Springfield, Virginia 22151.

* A similar bibliography, compiled by Miss Elsie L. Garvin, Kodak Research Laboratories, was distributed at the 1960 Congress.

Since titles are not always descriptive of content, an important feature of this bibliography is the listing of main subjects discussed by the material in each reference. This listing appears after the dashed line at the end of each entry.

Two other features which you will also find helpful are a list of abbreviations used and a subject index. Each reference entry is numbered and the subject index is keyed to these numbers, making it possible to locate quickly references on a specific subject.

Before 1960

- 1 Methods of Practical Preparation of Optical Grids for High-Speed Photography (In Russian). L.V. Akimakina. Usp. Nauchn. Fotogr. 6, 152-54 (1959). — Cinematography; Optical grids.
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List of Abbreviations

A

AD. . . .ASTIA Document
AEC. . . .Atomic Energy Commission
AIAA. . . .American Institute of Aeronautics and
Astronautics Aerospace Sciences
AIAA Journal. . . .American Institute of Aeronautics
and Astronautics Journal
ARS J. . . .ARS (American Rocket Society) Journal
Acta Phys Austriaca. . . .Acta Physica Austriaca
Am Cinemat. . . .American Cinematographer
Am Heart J. . . .American Heart Journal
Appl Opt. . . .Applied Optics
Appl Spectr. . . .Applied Spectroscopy
Atti Collegio Ingegneri Architetti Milano. . . .
Atti del Collegio degli Ingegneri ed Architetti
Milano

B

Bell Lab Record. . . .Bell Laboratories Record
Bild Ton. . . .Bild und Ton
Brit Comm Electronics. . . .British Communications
and Electronics
Brit J Appl Phys. . . .British Journal of Applied
Physics
Brit J Phot. . . .British Journal of Photography
Brit Kinematogr. . . .British Kinematography
Brit P. . . .British Patent
Bull Schweizer Akad Med Wiss. . . .
Bulletin der Schweizerischen Akademie Der
Medizinischen Wissenschaften

C

CERN. . . .European Organization for Nuclear
Research
CNEN Notiz. . . .CNEN Notiziario
Can J Chem Eng. . . .Canadian Journal of Chemical
Engineering

Chem Eng. . . . Chemical and Engineering News
 Chem-Ing-Tech. . . . Chemie-Ingenieur-Technik
 Combust Flame. . . . Combustion and Flame
 Compt Rend. . . . Comptes Rendus Hebdomadaires de
 Seances de l'Academie des Sciences
 Czech J Phys. . . . Czechoslovak Journal of Physics

E

Elec Eng. . . . Electrical Engineering
 Elec Times. . . . Electrical Times
 Electronic Eng. . . . Electronic Engineering
 Eng & Sci. . . . Engineering and Science
 Exper Mechanics. . . . Experimental Mechanics

F

Fotogr Arsbok. . . . Fotografisk Arsbok
 Frontier (Armour Research Foundation)

H

Hitachi Rev. . . . Hitachi Review

I

IBM J Res Dev. . . . IBM Journal of Research and
 Development
 IEEE Trans Nuclear Sci. . . . IEEE Transactions on
 Nuclear Science
 IVA Medd. . . . IVA (Ingeniorsvetenskapsakademien)
 Meddelelser
 Ind Comm Phot. . . . Industrial and Commercial
 Photographer
 Illum Eng. . . . Illuminating Engineer
 Ind Electron. . . . Industrial Electronics
 Ind Eng Chem. . . . Industrial and Engineering
 Chemistry
 Ind Phot. . . . Industrial Photography
 Ind Res. . . . Industrial Research
 Informatsi Sb NIKFI. . . . Informationsnyi Sbornik
 Nauchno-Issledovatel'skogo Kinofotoinstituta
 Instr Control Systems. . . . Instrument Control Systems

Instr Exper Tech. . . .

Instruments and Experimental Techniques USSR
(translation of Pribory i Tekhnika Eksperimenta)

Instr Practice. . . .Instrument Practice

Instr Rev. . . .Instrument Review

Intern Chem Eng. . . .International Chemical
Engineering

Intern Photogr. . . .International Photographer

Intern Sci Tech. . . .International Science and
Technology

Inzhener-Fiz Zh. . . .Inzhenerno-Fizicheskii Zhurnal

J

J Appl Phys. . . .Journal of Applied Physics

J Appl Phys. . . .Journal of Applied Physics (Japan)

J Biol Phot Assoc. . . .Journal of the Biological
Photographers Association

J Geophys Res. . . .Journal of Geophysical Research

J Opt Soc Am. . . .Journal of the Optical Society of
America

J Phot Sci. . . .Journal of Photographic Science

J Res N B S. . . .Journal of Research of the National
Bureau of Standards

J Roy Aeronaut Soc. . . .Journal of the Royal Aero-
nautical Society

J Sci Instr. . . .Journal of Scientific Instruments

J Soc Mot Pict Telev Engrs. . . .

Journal of the Society of Motion Picture and
Television Engineers

K

Kino-Tech. . . .Kino-Technik

M

MTZ. . . .Motortechnische Zeitschrift

Mesur Controle Ind. . . .Mesures et Controle
Industriel

Monthly J Inst Ind Sci. . . .Monthly Journal of the
Institute of Industrial Science (Tokyo)

W

Wehrtech Monatsh. . . .Wehrtechnische Monatshefte

Wescon Inst Elect Electronic Engrs Conf. . . .

Wescon Institute of Electrical and Electronic
Engineers Conference

Wire Wire Prod. . . .Wire and Wire Products

Z

Z Flugwiss. . . .Zeitschrift fuer Flugwissenschaften

Z Naturforsch. . . .Zeitschrift fuer Naturforschung

Zav Lab. . . .Zavodskaya Laboratoriya

Zeszyty Nauk Politech Wroclowksi. . . .

Zeszyty Naukowe Politechniki Wroclowski

Zh Nauchn i Priklad Fotog i Kinematogr. . . .Zhurnal

Nauchnoi i Prikladnoi Fotografii i Kinematografii

Zh Tekhn Fiz. . . .Zhurnal Tekhnicheskoi Fiziki

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